

Naval products:  
doors, hatches,  
tanks, gangways...

Industrial boilermaking:  
platforms, frames,  
containers

[ucalsa.es](http://ucalsa.es)

# Adapted to you

Leaders in the development of  
customised products for industry



**UCALSA**

Custom metal solutions

[ucalsa.es](http://ucalsa.es)

VCALSA

# Adapted to you

The perfect suit is one that fully adapts to you. In over thirty years responding to the different needs of our customers, at Ucalsa we know how to measure and build the appropriate dimensions for each product on board a vessel. The customised work performed with an almost artisan handling of the latest technologies guarantees the perfection of each project. It is a philosophy of customisation in each project that we reflect in each and every product.







//

# We use technology, thinking like an artisan

//

Marcos Penavella, Managing Director



“Our key has always been our ability to implement the best technologies without losing sight of the personal and dedicated vision of an artisan. We like to think that we have understood this philosophy from leading firms, which use state-of-the-art equipment, but also obsessively pay attention to the quality of the details, no matter the cost or how long it takes. It is as if bearing our brand gives us all a special and personal responsibility. At our new facilities, a new, flexible, modern and dynamic plant, we could triple our potential, while remaining aware that no technology is sufficient without an attitude that thinks about the final finish and the image that our products are going to offer when they are launched onto the market or when they reach a customer”.

//

*No technology is  
sufficient without an  
attitude that thinks  
about the final finish*

//







# Naval product

Doors, hatches, gangways, tanks, etc.



## Doors Spraytight

Watertight external doors built in accordance with Standard NS 6091 or designed as required. Normally located on upper decks, they withstand spray and do not form part of the stability calculations.

## Doors Weathertight

Watertight doors designed to withstand external pressures. Built in accordance with Standards NS 6090 and ISO 6042 with the same resistance as the bulkhead into which they are fitted.

## Doors Watertight

Doors inserted in watertight bulkheads under the freeboard deck. They are designed to withstand static water pressure on both sides. Type approval is required and they are verified individually by means of a watertightness test of the required water column.

## Doors A0

Spraytight, Weathertight or Watertight Doors without insulation, classified as A0 in accordance with IMO 2010 FTP Code Part 3.

## Doors A15

Single or double-leaf insulated Spraytight, Weathertight or Watertight Doors, classified as A15 in accordance with IMO 2010 FTP Code Part 3.

## Doors Otras puertas

Customised side doors, sliding doors, pantograph doors with manual or hydraulic closures.



Double-leaf hangar gate with an insulated, aluminium access door that is Spraytight and adapted to the hoist girder.



## Tanks

Fuel tanks for recreational craft in accordance with Directive 2013/53/EU and tanks for special vessels, such as catamarans, patrol boats and recreational craft with a length in excess of 24m.

## Hatches

Flush hatches or with coamings and with different watertightness properties built in accordance with own standards, customer specifications or customised design and complying with the applicable regulations (NS 6028, ISO 12216, etc.)

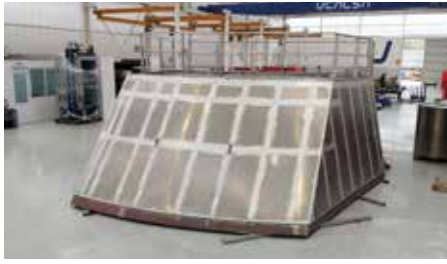
## Gangways

Shore gangways of 3 to 9 metres built in aluminium, homologated in accordance with ISO 7061:2015 and DNVGL-ST-0358.









## Super-structures

Hulls, decks, super-structures, monkey islands, wheelhouses, antenna and lights mast, radar platform, rollers, all of which are made out of aluminium.



# Industrial Product

Structures, lifts, platforms,  
tanks, etc.

---

Structure, basket, supports and trays  
of a lift for an automated vehicle  
warehouse at an automobile plant.





---

## Lifts

Construction of the main components for lift companies: floors, ceilings, frames, columns, doors and hollow elements.

---

## Platforms

Special elevation platforms for the naval, construction and automotive sectors in accordance with the customer's design.

---

## Other works

Pressurised and atmospheric tanks, mixers and filters for water treatment and purification, mobile walls as a partition for Olympic-sized swimming pools, piping, components for the wind power sector, safety components, etc.





# Three decades with a single philosophy: our secret lies in the personalised care taken over each and every product

Ucalso -Uillaje y Calderería SA- was founded in 1986 as an entrepreneurial opportunity in light of the experienced naval industry in the Vigo Estuary. What started out as a small boilermaking workshop for local shipyards, has now, three decades later, become the main supplier of doors and hatches for the entire Spanish naval sector, with a modern factory spanning more than 10,000 square metres and more than 60 employees. It can be said that most of the vessels that are built in Spain

today include some element with the Ucalso stamp. Our vocation for the manufacture of customised products that cannot be mass produced has led to our entry in new segments and the development of new products.

The new, 10,000 square metre factory boasts the necessary technology to treat metal, but most importantly, still maintains the meticulousness of the entire technical department and each operator.









## International Expansion Plan

//

Nobody is going to demand more of us than the Spanish naval sector over thirty years: it is now time to expand

//

Vilma Rivero, Head of Marketing

"The entire naval sector is aware of Ucal's level of commitment to its customers, in terms of quality and response capacity. Over thirty years, the sector has demanded a great deal from us and this has contributed towards our becoming the leading supplier in Spain. But we have welcomed such challenges, because demanding the best from ourselves forms part of our philosophy. For this reason, we consider

that it is time for us to go out to the market. We are preparing the international expansion of our products and to do so, we have a commercial plan to penetrate the leading markets in Europe, where we know that the quality that Ucal has to offer will be appreciated. This initiative will be the one that will enable us to keep growing over the coming years".













## A 21<sup>st</sup> century factory



Customised and personalization manufacturing is directly related to quality processes, because each new job requires new protocols, new ways of doing things and more quality controls. Over the past three decades, the entire Ucalca team has acquired an extraordinary level of training. Developing projects in accordance with the requirements of our customers has provided us with the experience and resources to resolve any challenge we are faced with. Customisation and personalization of each project has enabled us to develop an extraordinary capacity to improve and resolve the needs of our customers.



## A factory of the size you need

The underlying Ucalisa strategy has been, first of all, to implement a highly qualified technical office that is capable of customising, adapting and offering innovative solutions for each product requested by our customers.

The second key to our success lies in the culture established by the Management in all

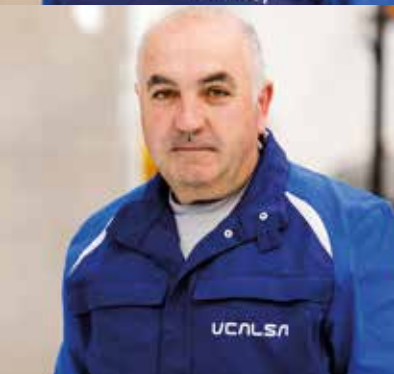
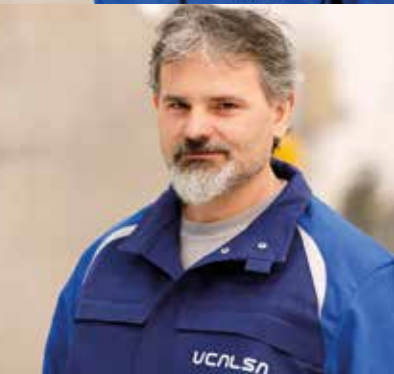
of the actions that bear its stamp, from quality controls to the specialisation of the workers at our plant. Year after year, at Ucalisa we have reinvested our profit in order to obtain production and training improvements for the factory and our employees, proof of which is the acquisition of new facilities that will enable us to undertake larger scale projects.

















# UCALSA

Custom metal solutions

Camino del Caramuxo, 27 / 36214 Vigo  
Pontevedra (Spain)  
T +34 986 238 865

[ucalsa@ucalsa.es](mailto:ucalsa@ucalsa.es)  
[ucalsa.es](http://ucalsa.es)